

# STEAM in the Classroom

SCIENCE-TECHNOLOGY-ENGINEERING-AGRICULTURE-ART-MATH

## SUGAR CRYSTALS

**For this activity you will need:**

- 3 cups of sugar
- 1 cup of water
- A popsicle stick, wooden skewer or string
- Food coloring (optional)
- A jar or glass cup



**Directions:**

1. Place the sugar and water into a pan and heat while continuously stirring until the sugar completely dissolves.
2. Add a few drops of food coloring if desired.
3. Allow the sugar solution to cool before pouring the liquid into the jar or cup.
4. Place your popsicle stick or wooden skewer upright into your jar. If using a string, tie your string around the center of the pencil and lay it across the jar with your string hanging into the middle of the jar.
5. Set your container somewhere it won't be disturbed for a few days. You can place a paper towel or coffee filter over your jar to keep the solution clean over the next few days.
6. Let your crystals grow! Over the next few days you can observe your crystals growing and eat them at the end! Sometimes you'll find them having grown overnight! You've now made your own rock candy sugar crystals!



**Illinois Extension**

UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN

**COLLEGE OF AGRICULTURAL, CONSUMER & ENVIRONMENTAL SCIENCES**

University of Illinois | U.S. Department of Agriculture | Local Extension Councils Cooperating

University of Illinois Extension provides equal opportunities in programs and employment.

If you need a reasonable accommodation to participate in this program, please contact us.

Early requests are strongly encouraged to allow sufficient time for meeting your access needs.